

PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0651-0031

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

|                        |                    |
|------------------------|--------------------|
| Application Number     | 10/785,614         |
| Filing Date            | February 2, 2004   |
| First Named Inventor   | Douglas E. LeCrone |
| Art Unit               | 2113               |
| Examiner Name          |                    |
| Attorney Docket Number | E30-046CON         |

| U. S. PATENT DOCUMENTS |                       |   |                                |  |   |
|------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*     | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| EM                     |                       | US- 4,207,609 A   | 6/10/80                        | Lulz et al.  |   |
|                        |                       | US- 6,379,398 A   | 1/3/95                         | Cohn et al.  |   |
|                        |                       | US- 5,432,922 A   | 7/11/95                        | Polyzols et al.                                    |   |
|                        |                       | US- 5,497,483 A   | 3/5/96                         | Beardsley et al.                                   |   |
|                        |                       | US- 5,682,155 A   | 11/25/97                       | Iskiyam et al.                                     |   |
|                        |                       | US- 5,742,792 A   | 4/21/98                        | Yanai et al.                                       |   |
|                        |                       | US- 6,073,218 A   | 6/6/00                         | DeKoning et al.                                    |   |
|                        |                       | US- 6,101,497 A   | 6/6/00                         | Olek   |   |
|                        |                       | US- 6,173,377 B1  | 1/2001                         | Yanai et al.                                       |   |
|                        |                       | US- 6,199,074 B1  | 3/6/01                         | Kern et al.  |   |
|                        |                       | US- 6,243,828 B1  | 6/5/01                         | Chase-Salerno et al.                               |   |
|                        |                       | US- 6,253,209 B1  | 6/26/01                        | Chase-Salerno et al.                               |   |
|                        |                       | US- 6,282,672 B1  | 8/28/01                        | Bandoh et al.                                      |   |
|                        |                       | US- 6,370,626 B1  | 4/9/02                         | Gagne et al.                                       |   |
|                        |                       | US- 6,374,269 B1  | 4/16/02                        | Ishikawa et al.                                    |   |
|                        |                       | US- 6,553,390 B1  | 4/2003                         | Gross et al.                                       |   |
|                        |                       | US-   |                                |  |   |
|                        |                       | US-   |                                |  |   |
|                        |                       | US-   |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                       |   |                                |   |   |   |
|--------------------------|-----------------------|---|--------------------------------|---|---|---|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | † |
|                          |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |   |   |   |
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| Examiner Signature | /Elmira Mehrmanesh/ | Date Considered | 07/06/2006 |
|--------------------|---------------------|-----------------|------------|

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| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |  | Application Number       |                    |
|  |  | Filing Date              |                    |
|  |  | First Named Inventor     | Douglas E. LeCrone |
|  |  | Art Unit                 | 2172               |
|  |  | Examiner Name            | M. Hamilton        |
| Sheet  |  | of                       |                    |
|  |  | Attorney Docket Number   | E30-046CON         |

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|                        |                          | US- 5,432,922   | 7-11-1995                      | Polyzois   |   |
|                        |                          | US- 5,497,483   | 03-05-1996                     | Beardsley et al.                                   |   |
|                        |                          | US- 5,692,155   | 11-25-1997                     | Iskiyan et al.                                     |   |
|                        |                          | US- 5,742,792   | 4-21-1998                      | Yanai et al.                                       |   |
|                        |                          | US- 6,073,218   | 6-6-2000                       | DeKoning et al.                                    |   |
|                        |                          | US- 6,101,497   | 08-08-2000                     | Ofek   |   |
|                        |                          | US- 6,173,377   | 01-2001                        | Yanai et al.                                       |   |
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|                        |                          | US- 6,253,209 B1  | 06-26-2001                     | Chase-Salerno et al.                               |   |
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|                        |                          | US- 6,370,626   | 04-2002                        | Gagne et al.                                       |   |
|                        |                          | US-   |                                |  |   |
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|                          |                          | Country Code <sup>3</sup> Number* <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
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| Examiner<br>Signature | /Elmira Mehrmanesh/ | Date<br>Considered | 07/06/2006 |
|-----------------------|---------------------|--------------------|------------|

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